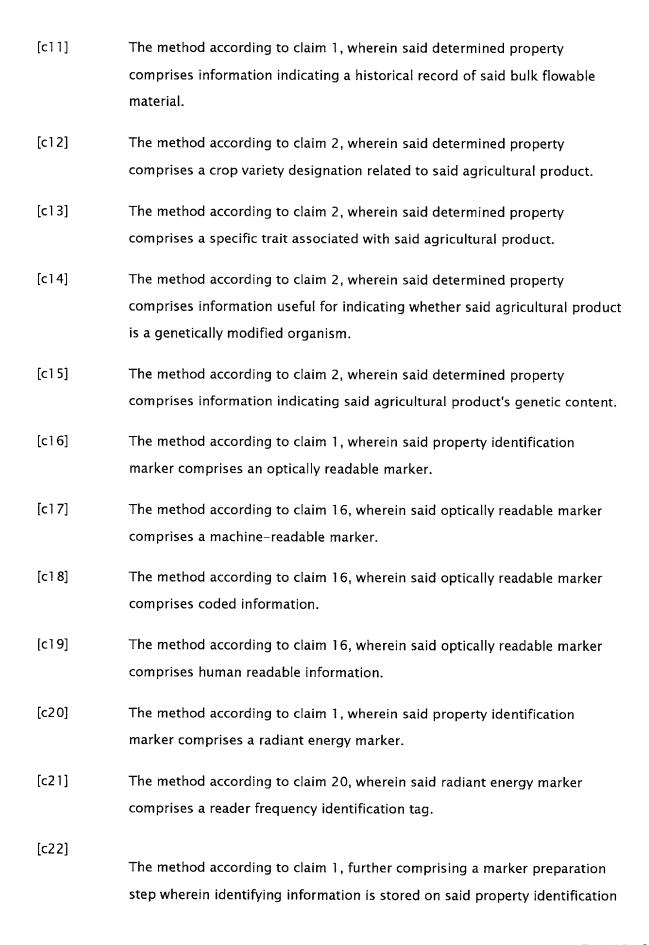
Claims

[c1]	A method for identifying a characteristic of a bulk flowable material,
	comprising the steps of:
	selecting a bulk flowable material having a determined property;
	causing said bulk flowable material to flow; and
	periodically dispensing a property identification marker into said bulk
	flowable material.
[c2]	The method according to claim 1, wherein said bulk flowable material
• •	comprises an agricultural product.
	comprises an agricultural product.
[c3]	The method according to claim 2, wherein said agricultural product
	comprises an unharvested agricultural crop.
[64]	The method according to plain 2 wherein said a misultural made at
[c4]	The method according to claim 2, wherein said agricultural product
	comprises a harvested agricultural crop.
[c5]	The method according to claim 4, wherein said harvested agricultural crop is
	located in a transport container.
[.6]	
[c6]	The method according to claim 4, wherein said harvested agricultural crop is
	located in a crop harvesting apparatus.
[c7]	The method according to claim 1, wherein said determined property
	comprises information identifying a grower of said bulk flowable material.
[c8]	The method according to claim 1, wherein said determined property
	comprises information identifying an owner of said bulk flowable material.
[c9]	The method according to claim 1, wherein said determined property
	comprises information indicating geographic origin of said bulk flowable
	material.
1.03	
[c10]	The method according to claim 1, wherein said determined property
	comprises information indicating a genetic property of said bulk flowable
	material.

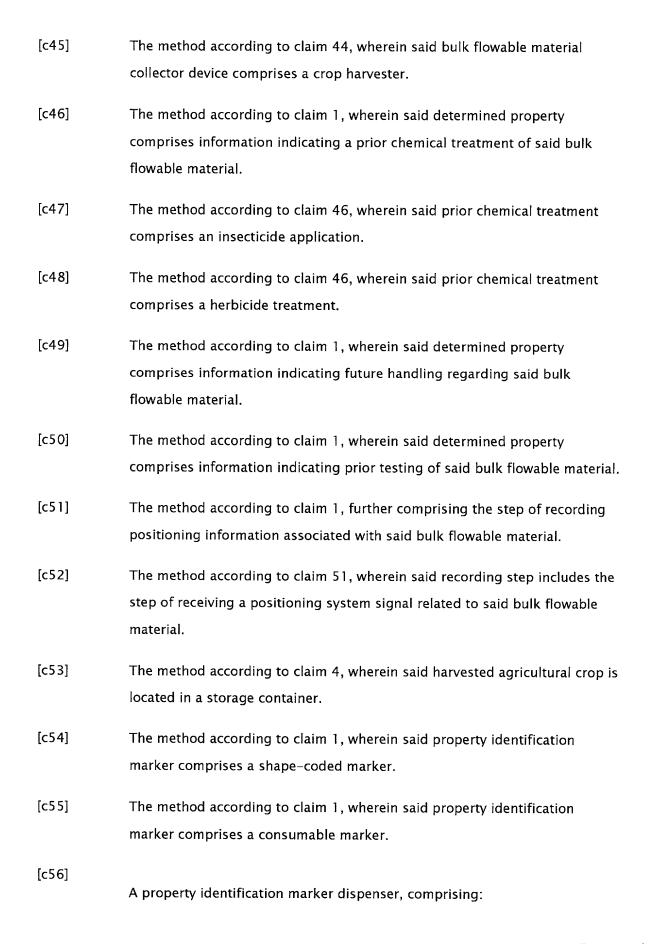


	causing said bulk flowable material to flow.
[c23]	The method according to claim 1, further comprising a marker preparation step wherein identifying information is stored on said property identification marker, said marker preparation step being performed concurrent with said step of causing said bulk flowable material to flow.
[c24]	The method according to claim 1, further comprising a marker preparation step wherein identifying information is stored on said property identification marker, said marker preparation step being performed after said step of periodically dispensing.
.[c25]	The method according to claim 1, wherein said property identification marker comprises information indicating a plurality of properties of said bulk flowable material.
[c26]	The method according to claim 1, wherein said property identification marker comprises a colored-coded marker.
[c27]	The method according to claim 1, wherein said property identification marker comprises a preprinted label.
[c28]	The method according to claim 20, wherein said radiant energy marker contains identifying information stored prior to said step of causing said bulk flowable material to flow.
[c29]	The method according to claim 1, wherein said step of periodically dispensing is performed at pre-determined time intervals.
[c30]	The method according to claim 1, wherein said step of periodically dispensing is performed at pre-determined volume-related intervals.
[c31]	The method according to claim 1, wherein said property identification marker comprises a substance deposited onto said bulk flowable material.
[c32]	The method according to claim 31, wherein said substance comprises a

marker, said marker preparation step being performed prior to said step of

	colored regetable based dye.
[c33]	The method according to claim 1, wherein said property identification marker comprises a paper label.
[c34]	The method according to claim 1, wherein said property identification marker comprises a biodegradable label.
[c35]	The method according to claim 1, wherein said property identification marker comprises a biodegradable ink.
[c36]	The method according to claim 35, wherein said biodegradable ink comprises a soy-based ink.
[c37]	The method according to claim 1, further comprising the step of removing said property identification marker from said bulk flowable material.
[c38]	The method according to claim 37, wherein said removing step comprises a filtering step.
[c39]	The method according to claim 37, wherein said removing step comprising an air flow generating step.
[c40]	The method according to claim 37, wherein said removing step comprises a gravity separation step.
[c41]	The method according to claim 37, wherein said removing step comprises a magnetic separating step.
[c42]	The method according to claim 1, further comprising a marker reading step.
[c43]	The method according to claim 42, further comprising a routing step wherein said bulk flowable material is routed to a location based on data obtained in said reading step.
[c44]	The method according to claim 1, wherein said periodically dispensing step is performed by a marker dispenser located in a bulk flowable material collection device.

colored vegetable-based dye.



a property identification marker holding apparatus, associated with said dispenser; and a periodic identification marker release component. [c57]The property identification marker dispenser according to claim 56, further comprising a property identification marker. [c58]The property identification marker dispenser according to claim 57, wherein said property identification marker comprises a label. [c59] The property identification marker dispenser according to claim 57, wherein said property identification marker comprises a preprinted continuous label spool. [c60] The property identification marker dispenser according to claim 59, wherein said preprinted continuous label spool comprises a preprinted bar code running along a length of said preprinted continuous label spool. [c61] The property identification marker dispenser according to claim 59, wherein said periodic identification marker release component comprises a separation component that separates a portion of said property identification marker from said preprinted continuous label spool. [c62] A preprinted label spool, comprising: a spool of label media; and a continuous bar code-style indicia, running along a length said spool of label media. [c63] An apparatus, comprising: a plurality of property identification markers; and a dispenser capable of periodically dispensing said plurality of property identification markers into a flowing bulk flowable material; wherein said plurality of property identification markers carry information

a dispenser, said dispenser capable of being located proximate a moving

flow of bulk flowable material:

identifying a physical characteristic of a bulk flowable material in which it is placed.

[c64] The apparatus according to claim 63, wherein said plurality of property identification markers identifies a bulk flowable material as containing a genetically modified organism.